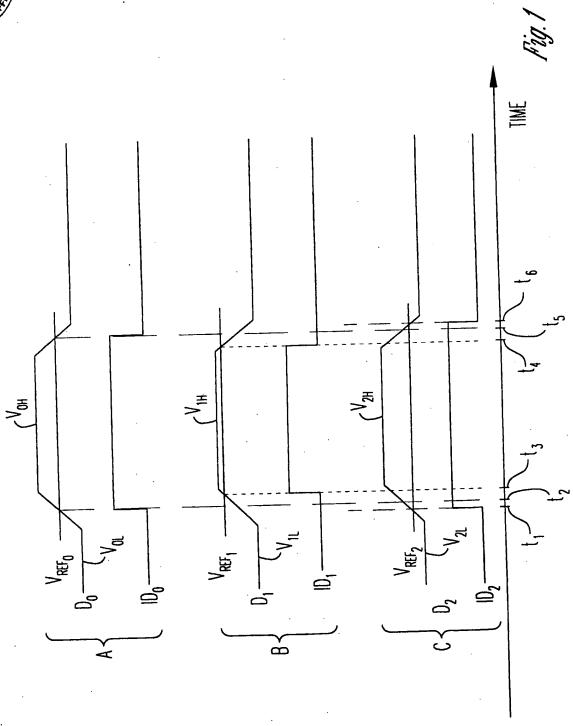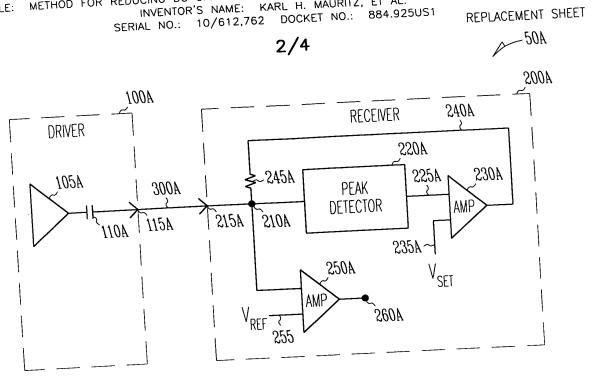Fig. 1

TITLE: METHOD FOR REDUCING DC OFFSET ERROR FOR SINGLE ENDED AND DIFFERENTIAL SIGNALS
INVENTOR'S NAME: KARL H. MAURITZ, ET AL.
SERIAL NO.: 10/612,762   DOCKET NO.: 884.925US1   REPLACEMENT SHEET

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50A

Fig.2

Fig.3

TITLE: METHOD FOR REDUCING DC OFFSET ERROR FOR SINGLE ENDED AND DIFFERENTIAL SIGNALS
INVENTOR'S NAME: KARL H. MAURITZ, ET AL.
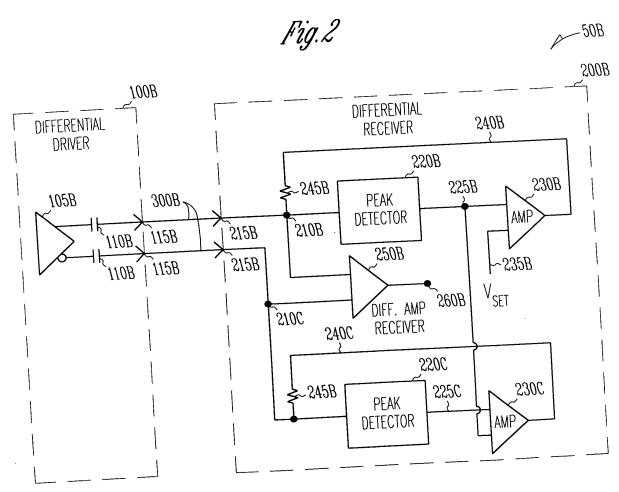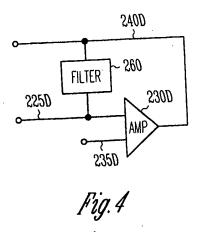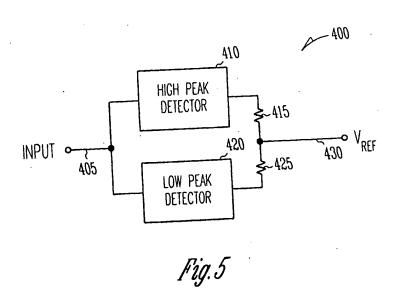SERIAL NO.: 10/612,762 DOCKET NO.: 884.925US1   REPLACEMENT SHEET

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Fig. 4

Fig. 5

TITLE: METHOD FOR REDUCING DC OFFSET ERROR FOR SINGLE ENDED AND DIFFERENTIAL SIGNALS
INVENTOR'S NAME: KARL H. MAURITZ, ET AL.
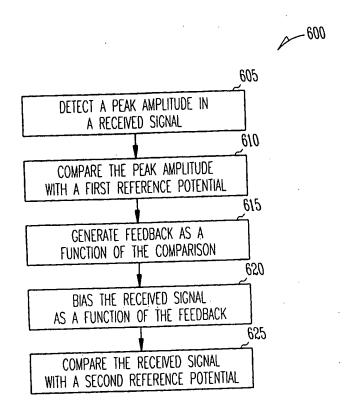SERIAL NO.: 10/612,762 DOCKET NO.: 884.925US1   REPLACEMENT SHEET

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605

DETECT A PEAK AMPLITUDE IN
A RECEIVED SIGNAL

610

COMPARE THE PEAK AMPLITUDE
WITH A FIRST REFERENCE POTENTIAL

615

GENERATE FEEDBACK AS A
FUNCTION OF THE COMPARISON

620

BIAS THE RECEIVED SIGNAL
AS A FUNCTION OF THE FEEDBACK

625

COMPARE THE RECEIVED SIGNAL
WITH A SECOND REFERENCE POTENTIAL

Fig.6